AMENDMENT

Amendments to the Specification:

Following the abstract, please insert the attached Sequence Listing with subsequent page numbering thereafter.

Please replace the paragraph at page 3, line 16 with the following amended paragraph:

FIGURE 1 shows the nucleotide (SEQ ID NO:1) and predicted amino acid (SEQ ID NO:2) sequences [sequence] of human Lefty-2.

Please replace the paragraph at page 7, lines 3 to 10 with the following amended paragraph:

Specifically disclosed herein is a partial DNA sequence containing the human Lefty-2 gene. The sequence contains and open reading frame encoding a protein showing significant homology to known [know] members of the TGF-β superfamily. The sequence contains a putative RXXR (SEQ ID NO:3) proteolytic processing site that is followed by a sequence of 120 amino acids that contains all of the hallmarks of the TGF-β superfamily. By analogy with known family members, a dimer of the C-terminal 120 amino acids is predicted to represent the active Lefty-2 molecule. Preferably, the human Lefty-2 nucleotide sequence is SEQ ID NO:1 or the nucleotide sequence of Figure 1 having 360 nucleotides.

Please replace the paragraph at page 26, lines 12 to 18 with the following amended paragraph:

The sequence of Lefty-2 deduced from analysis of genomic clones is shown in Figure 1 (SEQ ID NO:1). The sequence contains an open reading frame encoding a protein showing significant homology to known [know] members of the TGF-β superfamily. The sequence contains a putative RXXR (SEQ ID NO:3) proteolytic processing site that is followed by a sequence of 120 amino acids that contains all of the hallmarks of the TGF-β superfamily. By analogy with known family members, a dimer of the C-terminal 120 amino acids is predicted to represent the active Lefty-2 molecule.